## INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/31551

A. CLASSIFICATION OF SUBJECT MATTER				
PC(7) : B66B 5/04				
US CL: 187/ 286,247,305,372,373,375,376,391 According to International Patent Classification (IPC) or to both national classification and IPC				
Minimum documentation searched (classification system followed by classification symbols)				
U.S.: 187/ 286,247,305,372,373,375,376,391				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched				
Documentation scarcing state and a season state and				
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)				
Metalone and other comments				
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	IMENTS CONSIDERED TO BE RELEVANT	and the relevant manager	Relevant to claim No.	
Category *	Citation of document, with indication, where ap	propriate, of the relevant passages	1,3,4,6,7,8,10,11	
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Full title Cool title to the cool to the c			nternational filing date or	
* Special categories of cited documents:		· and address date and not in conflict wit	h the application but cited to	
"A" document defining the general state of the art which is not considered to		understand the principle or theory t	inderlying the invention	
be of pa	rticular relevance	"X" document of particular relevance; the	he claimed invention cannot be	
"R" earlier a	application or patent published on or after the international filing	considered novel or cannot be cons	dered to involve an inventive	
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"L" documen	nt which may throw doubts on priority claim(s) or which is cited	Y document of particular relevance; t	he claimed invention cannot be	
to establish the publication date of another citation of other special reason		considered to involve an inventive	considered to involve an inventive step when the document is combined with one or more other such documents, such	
(83 spec	dfied)	combination being obvious to a per	son skilled in the art	
"O" docume	at referring to an oral disclosure, use, exhibition or other means	document member of the same pate	nt family	
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Date of the	Date of the actual completion of the international search			
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Form PCT/ISA/210 (second sheet) (July 1998)				
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